

ERRATUM

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Erratum to: Switching of mesodermal and endodermal properties in hTERT-modified and expanded fetal human pancreatic progenitor cells

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Erratum

After publication of our article [1], errors were noticed in the composition of data in Figures threeC, fiveD and sixA (Figs. 1c, 2d and 3a here respectively). The data from original gels were incorrectly compiled or modified by the first author, Dr. K. Cheng, which was not noticed by the other authors.

In figure threeC (Fig. 1c here) the original gels for the following genes were incorrectly represented – GATA-2, GATA-6, ISL-1, Pdx1, CGA, GK, TGF- α , TGF- β 1, TGF- β 2, TGF- β 2R, and GAPDH. Expression of these genes in mature islets was verified by additional studies.

In figure fiveD (Fig. 2d here) some of the lanes were cut out of the composition, and others were mislabeled.

In figure sixA (Fig. 3a here) the published figure was erroneously composed with incorrect or distorted images.

The correct figures are provided here. These errors do not affect the results or conclusions of our study.

Please note the change in corresponding author email address since the publication of our original article.

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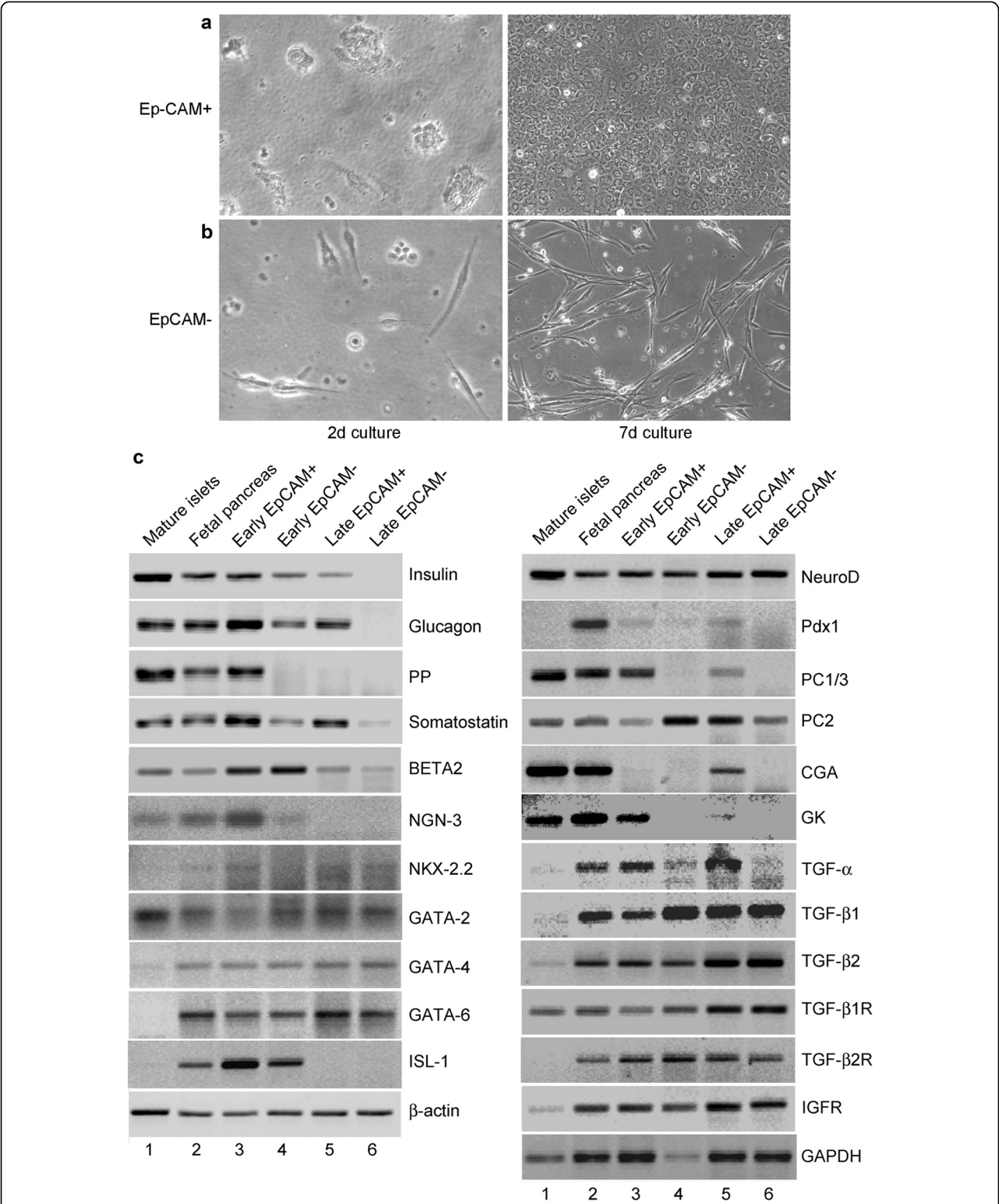
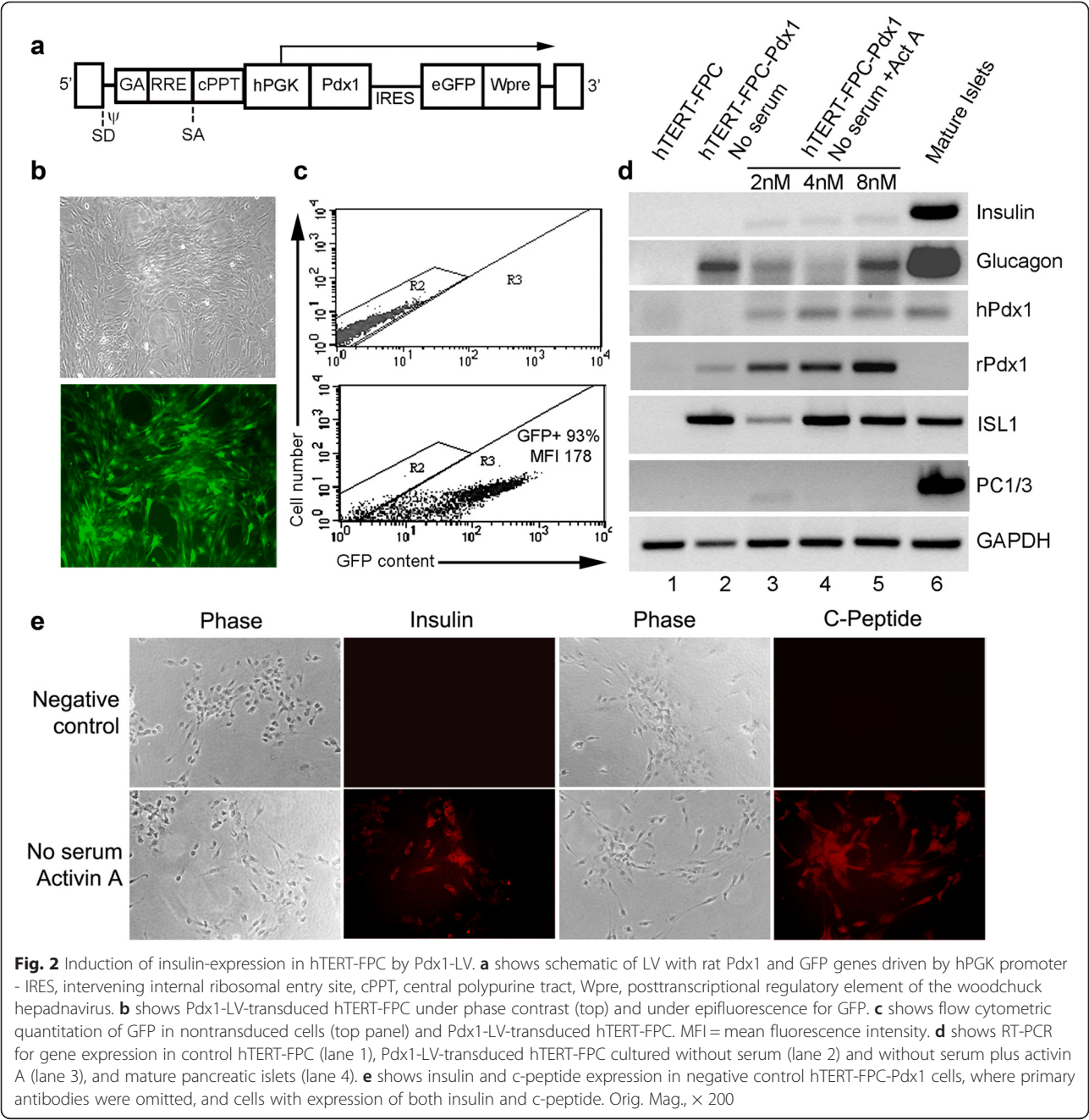


Fig. 1 Initial characterization of fetal pancreatic cells. **a** and **b** show morphology of cells in culture after 2 d and 7 d. Note epithelial morphology of EpCAM-positive cells. **c** shows RT-PCR for genes as indicated. Lanes 1 to 6 show results from mature human pancreatic islets, intact fetal pancreas, cells after early term culture (1 to 2 d) or longer culture (10 to 14 d). For comparisons, β -actin and glyceraldehyde phosphate dehydrogenase (GAPDH) genes were included



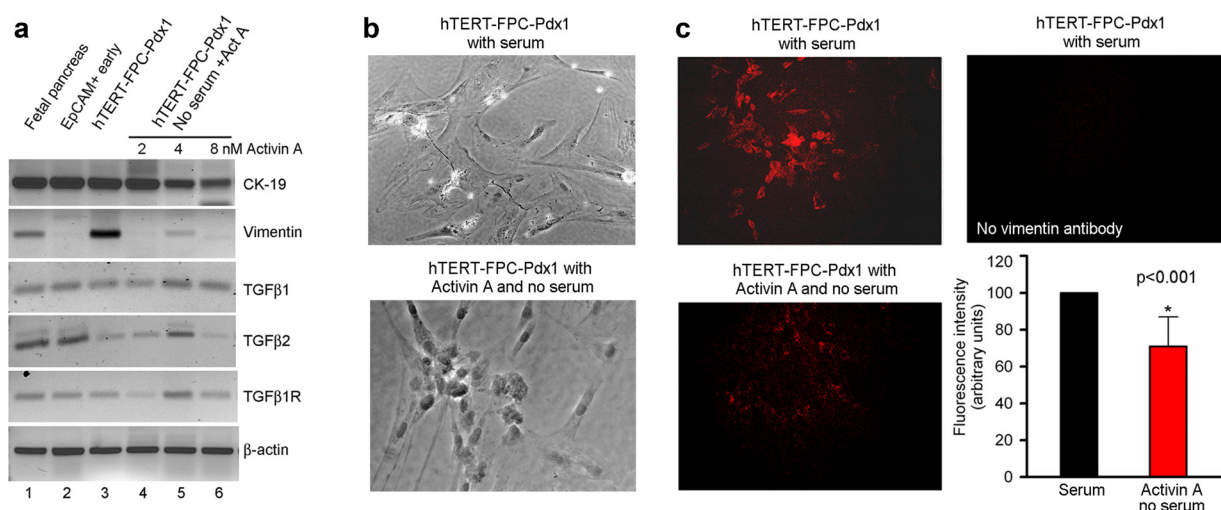


Fig. 3 Phenotype alterations in fetal pancreatic cells. **a** shows RT-PCR for epithelial marker, CK-19, and mesenchymal marker, vimentin, along with TGF-β1, TGFβ2 and their receptors under various conditions indicated. **b** shows morphological changes in LV-Pdx1-transduced hTERT-FPC during culture with serum and in the absence of serum plus addition of Activin A (bottom panel). These data indicated that cells became more rounded and less flattened in the absence of serum and presence of Activin A. **c** shows changes in vimentin expression by immunostaining in LV-Pdx1-transduced hTERT-FPC cultured with serum (top left), and with Activin A and no serum (bottom left). No immunostaining was detected when vimentin antibody was omitted (top right). The panel at bottom right in **c** shows quantitation of vimentin immunofluorescence signals by image analysis to indicate that culture without serum and with activin A perturbed cell phenotype, which was in agreement with morphological changes in LV-Pdx1-transduced hTERT-FPC

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